Project Design Phase
Solution Architecture

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Project Name	Rhythmic Tunes
Maximum Marks	4 Marks

Solution Architecture:

The solution architecture for **HarmonyStream**, the Rhythmic Tunes Application, ensures a **scalable, high-performance, and immersive platform** for discovering, streaming, and organizing music across genres, artists, and personalized playlists. The architecture prioritizes seamless audio delivery, real-time recommendations, and cross-device synchronization to enhance user engagement.

- Find the best tech solution to solve existing business problems.

- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.

- Define features, development phases, and solution requirements.

- Provide specifications according to which the solution is defined, managed, and delivered.

Example - Solution Architecture Diagram:

User Interface → webserver → Api Gateway → Authentication Service

Api Gateway → Login Service

Api Gateway → Signup Service

Login Service → Database

Signup Service → Database

Database → Database → Profile Acess

Database → play Songs

Wishlist Songs

Add to Playlist

Download Songs